

**Table II**  
**Soil Cleanup Levels**  
 Handy Andy #8 Site  
 Vancouver, Washington

| CHEMICAL                  | Model Toxic Control Act (MTCA) |                   |                                  |                                      | Site Specific               |                                   |  |
|---------------------------|--------------------------------|-------------------|----------------------------------|--------------------------------------|-----------------------------|-----------------------------------|--|
|                           | Method A<br>mg/kg              | Method B<br>mg/kg | Method B<br>GW std<br>A<br>mg/kg | Method B<br>Soil<br>(l00*A)<br>mg/kg | Table I<br>GW<br>B<br>mg/kg | Table I<br>GW<br>(100*B)<br>mg/kg | Minimum<br>Soil Cleanup<br>Levels<br>mg/kg |
| Benzene <sup>a</sup>      | 0.5                            | 34.5              | 0.00151                          | 0.151                                | 0.005                       | 0.5                               | 0.5  |
| Ethylbenzene <sup>b</sup> | 20                             | 8,000             | 0.8                              | 80                                   | 0.394                       | 39.4                              | 39   |
| Toluene <sup>b</sup>      | 40                             | 16,000            | 1.6                              | 160                                  | 0.375                       | 37.5                              | 38   |
| Xylenes <sup>b</sup>      | 20                             | 160,000           | 16                               | 1,600                                | 1.000                       | 100                               | 100  |
| Lead                      | 250 <sup>c</sup>               | 17 <sup>d</sup>   | 0.005                            | 0.5                                  | 0.015                       | 1.5                               | 250  |
| TPH-G                     | 100 <sup>c</sup>               | NA                | NA                               | NA                                   | 1.000                       | 100                               | 100  |

g/g - grams/gram; l/kg = liters per kilograms; mg/kg = milligrams per kilograms; NA = Not Available;  
 TPH-G = total petroleum hydrocarbons as gasoline.

Method A Source: MTCA Cleanup Regulations (WAC173-340-720, Table 1).

Method B Source: MTCA Cleanup Levels and Risk Calculations (CLARC II Update, Feb. 1996).

Required Analyses: BTEX: 8020 or 8240; TPH-G: WTPH-G (Washington Total Petroleum Hydrocarbons as Gasoline);  
 Lead (soil total lead): 6010, 7420 or 7421.

Footnotes:

a Carcinogen

b Non-carcinogen

c Method A values will be used since no MTCA Method B values are available for Lead and TPH-G

d WAC173-340-700(4)(d), natural background concentrations will be used to replace method A or method B cleanup standards that are below the natural background. The 90th percentile natural background value for lead for Clark County is 17 mg/kg (total recoverable analysis for soils). Source: [Natural Background Soil Metals Concentrations in Washington State](#), Ecology Publication #94-155.